

CIC #: 99EPA SUPERFUND

Billed Date: 01-Feb-2012

Customer Order Number DW96942165

DIAMOND HEAD OIL 156980 BZ784  
EPA 621

**VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37- 1)**

Mission Assignment No:

\*\*\*\*\*  
Accounts Of  
\*\*\*\*\*  
Facility: Diamond Head Oil OU2  
A/C#: DW96942165-01-0  
RPM: Grisell Diaz-Cotto  
Date: 3/12/2012  
\*\*\*\*\*

D.O. Voucher No.

BU. Voucher No.

Bill No.

Paid By Check No.

Collection Vou. No.

27056871

Partial # 33 03-Jan-2012 Thru 01-Feb-2012

**Billed Office (Mail To):**

U S ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
26 W MARTIN LUTHER KING DRIVE  
CINCINNATI OH 45268-7002

**Billing Office (Send Remittance To):**

USACE FINANCE CENTER G5  
KANSAS CITY DISTRICT G5  
5720 INTEGRITY DRIVE

MILLINGTON TN 38054-5005

148208



**Billed Accounting Classification**

68 68 X 8145.0000 2008 00 0000 000000000000 00000

**Billing Accounting Classification**

\$22,390.04 96 NA X 3122.0000 G5 08 2416 868 022165 96231

\$22,390.04

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$14,976.97
1	CONTRACT - OUTSIDE GOVERNMENT	TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP		\$2,946.27
1	INHOUSE - OTHER RESOURCES	SUPERFUND M&S		\$265.49
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$1,226.46
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$365.35
1	INHOUSE - LABOR	LABOR		\$2,609.50
Subtotal:				\$22,390.04

**CORPS CERTIFICATION**

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE. AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."

18 Feb 12 *Elizabeth A. Buckrocker*  
DATE SIGNATURE

*Elizabeth A. Buckrocker*  
Project Manager

Total Billed Amount:	\$22,390.04
Less Partial Amount Paid:	\$0.00
Payment Due Date: 02- Mar- 2012	Pay This Amount: \$22,390.04

Funds Authorized:	\$1,420,000.00	<b>CERTIFICATE OF OFFICE BILLED</b> I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.  Date:
Total Billed Amount:	\$638,063.06	
Prev Billed Amount:	\$615,673.02	
Current Billed Amount	\$22,390.04	
Total Flux Billed:	\$0.00	
Prev Flux Billed:	\$0.00	Authorized Administrative or Certifying Officer
Current Flux Billed:	\$0.00	

PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND HEAD OIL REFINERY, NJ

IA Number: DW96942165

MONTHLY REPORT FOR JANUARY 2012

	Revised Reimbursable (96X3122)	Direct Fund Cite	IA Totals (96X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$1,420,000.00	\$0.00	\$1,420,000.00
Less Total Expenditures: (-)	\$638,063.06	\$0.00	\$638,063.06
Less Undelivered Orders: (-)	\$230,514.04	\$0.00	\$230,514.04
Less Commitments: (-)	\$15,143.92	\$0.00	\$15,143.92
Funds Available Balance:	\$536,278.98	\$0.00	\$536,278.98

BILLING ACTIVITY (96X3122):	
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Bill Number: 27056871	
Funds Expended During Report Period:	\$22,390.04
Total Billed to Date:	\$638,063.06
DIRECT FUND CITE PAYMENTS:	
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Funds Expended During Report Period:	\$0.00
Total Expended to Date:	\$0.00

PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND HEAD OIL REFINERY, NJ

IA Number: DW96942165

Bill Number: 27056871  
Bill Invoice Date: 01-FEB-2012

Monthly Billing Amount(96X3122): \$22,390.04

Monthly Direct Fund Cite Contract Cost(68X8145): \$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$1,880.76	\$14,636.79	\$16,517.55
b Fringe Benefits	\$728.74	\$7,596.89	\$8,325.63
c Travel	\$2,946.27	\$2,247.15	\$5,193.42
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$14,976.97	\$567,732.24	\$582,709.21
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$265.49	\$9,307.40	\$9,572.89
i Total Direct Charges	\$20,798.23	\$601,520.47	\$622,318.70
j Total Indirect Charges	\$1,591.81	\$14,152.55	\$15,744.36
k TOTAL	\$22,390.04	\$615,673.02	\$638,063.06

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
ELIZABETH BUCKRUCKER	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	32.50	\$3,535.48
GREGORY NE HATTAN	KANSAS CITY DISTRICT	GEOLOGIST	5.00	\$438.82
JENNIFER L KOLARIK	KANSAS CITY DISTRICT	PROJECT MANAGEMENT SPECIAL	1.00	\$56.76

KANSAS CITY DISTRICT  
DIAMOND HEAD OIL REFINERY, NJ

PROGRESS REPORT

LABOR BREAKOUT FOR MONTH:  
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Individual -----	Location -----	Function -----	Hours -----	Labor Amount -----
IAN R BOWEN	KANSAS CITY DISTRICT	GEOLOGIST	3.00 -----	\$170.25 -----
TOTAL LABOR:			41.50	\$4,201.31

## Progress Report for EPA Region II

<b>Site:</b>	Diamond Head Oil Refinery, NJ Technical Assistance RI/FS		<b>Phase:</b>	RI/FS	
<b>Bill No.:</b>	27056871 Partial #33	<b>IAG No.:</b> NWK	DW96942165 (BZ784) IAG Award Date: 9/15/08	<b>IAG Expiration Date:</b> 12/31/14	<b>Other Corps</b> P2: 156980/FWI: GBB72L
<b>Reporting Period:</b>	<b>From:</b> January 3, 2011	<b>To:</b> February 1, 2012	<b>EPA RPM</b> Grisell Diaz-Cotto		<b>USACE PM</b> Elizabeth Buckrucker

## Work Performed

<b>This Period</b>	<ul style="list-style-type: none"> <li>On 25 Jan 12, project status meeting held at EPA to discuss possible field investigations in 2012. G. Hattan attended meeting via teleconference. The focus of the discussions was regarding possible clay layer investigation. Prior to meeting, coordinated with CH2 regarding agenda, handouts and presentation. <ul style="list-style-type: none"> <li>In preparation for the meeting, several discussions among CH2 and Corps technical personnel regarding possible investigations to more fully identify the 'clay' type layer.</li> </ul> </li> <li>On 17 Jan 12, conference call held with CH2 to discuss the two distinct layers, one which is 'clay like' and the true clay layer. Objectives for the investigation were discussed and how this could be beneficial to the overall OU2 CSM update. CH2 then prepared information for the 25 Jan 12 meeting; which was reviewed prior to meeting.</li> <li>Action Items from the 25 Jan 12 meeting include: <ul style="list-style-type: none"> <li>Revised clay investigation figure with CH2 to research geotech sample analysis beneficial to open pit investigation to determine clay layer competency.</li> <li>Corps to provide any additional information regarding sample techniques.</li> <li>Future discussions are planned once the revised information is available.</li> </ul> </li> <li>On 26 Jan 12, received summary of action items from J. Hess.</li> <li>Schedule. On 20 Jan 12, an updated schedule was submitted, which will be pending until final decisions regarding fieldwork are made. Prior to this update, discussed the new tasks for addition and reviewed the schedule logic with J. Hess.</li> <li>On 9 Jan 12, reviewed and provided comments on the Draft Soil, Sediment and Tissue Sampling Technical Memo.</li> <li>Funding. On 20 Jan 12, received draft cash flow estimates from J. Hess. Received revised estimates on 28 Jan 12 after above meeting held. Funding needed for FY12 can likely be met with existing funds but full amount to be determined after decision on fieldwork is final.</li> <li>Task Order 0002 Invoice. On 11 Jan 12, Invoice #25 was reviewed and approved for \$14,976...97, covering period 29 October – 25 November 2011.</li> <li>Preparation of the monthly progress report and update of the contract expenditures spreadsheet</li> </ul>
<b>Key Meetings This Period</b>	<ul style="list-style-type: none"> <li>As noted throughout this report.</li> </ul>
<b>Key Contract Milestones Completed to Date</b>	<p>15 Sep 08; New IAG funding received totaling \$450,000</p> <p>12 Mar 09; Contract W912DQ-08-D-0016; Task Order 0002 awarded for \$395,000</p> <p>12 Apr 10; Contract W912DQ-08-D-0016; Task Order 0002/Mod 4 awarded for \$194,000.</p> <p>5 Nov 10; Contract W912DQ-08-D-0016; Task Order 0002/Mod 5 awarded for \$224,144.</p> <p>Amount of contract funds available - \$455,856.</p>
<b>Contractor Actions/Accomplishments</b>	<p>Completed action items from the December 2011 meeting and reported back to the Corps/EPA.</p> <p>Develop approach for investigating the 'clay type' layer, discussed with the Corps, revised approach and prepared handouts for 25 Jan 12 meeting.</p> <p>On 25 Jan 12, attended meeting at EPA Region 2 offices and presented the investigation proposal.</p> <p>Prepared and distributed minutes and action items from the meeting and updated project schedule.</p>

**Progress Report for EPA Region II**

The CH2M Progress Report Number 27 for January 2011 contains more detailed information.

**Projected Work, Meetings Milestones FY12.**

<b>Narrative</b>	<p>OU2 Metals TM to be finalized.</p> <p>OU2 work tasks:</p> <ul style="list-style-type: none"> <li>Assess metal concentration and the relation to site conditions or general background conditions.</li> <li>Installation of shallow groundwater well at Pharmachem property (potentially).</li> <li>Determination of impacts due to dioxin results and the 'clay layer' structure as noted during the fieldwork.</li> <li>Reassessment of site CSM based on recent fieldwork; possible clay investigation.</li> <li>Risk Assessment preparation.</li> <li>RI preparation.</li> </ul>
<b>Meetings</b>	25 January 2012: Meeting held at EPA R2 offices. Future meetings TBD.
<b>Key Milestones Forthcoming</b>	<p>Schedule updated 20 January 2012</p> <ul style="list-style-type: none"> <li>Dates estimated in schedule update but are pending based on final decision of clay layer investigation.</li> <li>December 11 – CH2 submission of Draft Soil, Sediment and Tissue Sampling Technical Memo.</li> </ul>

**Issues**

<b>Technical:</b>	<ul style="list-style-type: none"> <li>Surface soil, sediment, tissue, LNAPL and bench scale soil sample results reveal dioxin contamination. Overall site impacts being examined; discussions underway.</li> </ul>
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>December 2011; interim update. Anticipate formal update January 2012.</li> </ul>
<b>Funding:</b>	<ul style="list-style-type: none"> <li>None at this time. Future needs will be determined as the follow-on tasks are more clearly defined.</li> </ul>

<b>IGAG Summary Amendment Funding</b>						
<b>USACE</b>	<b>Direct Fund Cite</b>	<b>Amend #</b>	<b>Date</b>		<b>USACE</b>	<b>Direct Fund Cite</b>
<b>Total IGAG</b>						
\$450,000	0	Initial	9/15/08	-	-	\$450,000
\$220,000	0	1	4/12/10	-	-	\$670,000
\$750,000	0	2	9/14/10	-	-	\$1,420,000

Note: Technical Assistance IGAG; Procurement total = \$1,269,000; Personnel/M&amp;S = \$151,000

**Expenditures: USACE and Contract**

<b>Summary of Funds Spent Per Activity &amp; Funding Remaining</b>				
<b>Description</b>	<b>Funds for Activity</b>	<b>Funds Disbursed this Month</b>	<b>Funds Disbursed to Date</b>	<b>Funds Not Disbursed</b>
Contract W912DQ-08-D-0016; Based Task Order 0002; awarded 12 Mar 09	\$395,000.00	\$0.00	\$395,000.00	\$0.00
Contract W912DQ-08-D-0016; Based Task Order 0002; Mod 4 (see notes): awarded 12 Mar 10	\$194,000.00	\$14,976.97	\$187,709.21	\$6,290.79

**Progress Report for EPA Region II**

Contract W912DQ-08-D-0016; Based Task Order 0002; Mod 5: awarded 5 Nov 10	\$224,144.00	\$0.00	\$0.00	\$224,144.00
Contract Dollars Available	\$455,856.00	\$0.00	\$0.00	\$455,856.00
<b>Kansas City Corps In-House Labor/Travel</b>	<b>\$130,000.00</b>	<b>\$7,147.58</b>	<b>\$45,780.96</b>	<b>\$84,219.04</b>
<b>Superfund M&amp;S Fee</b>	<b>\$21,000.00</b>	<b>\$265.49</b>	<b>\$9,572.89</b>	<b>\$11,427.11</b>
<b>Grand Total - Contract/Corps</b>	<b>\$1,420,000.00</b>	<b>\$22,390.04</b>	<b>\$638,063.06</b>	<b>\$781,936.94</b>

Note: The summary of Mods 1, 2 and 3 are not detailed in table above.

Mod 1: 10 April 2009 – Administrative mod awarded to incorporate final scope of work.

Mod 2: 14 May 2009 – Modification totaling \$224,000.

Mod 3: 5 November 2009 – Modification deobligating \$224,000

**IAG Scope of Work Summary (block 13 of IAG)**

Base IAG: This agreement obligates \$450,000 to the U.S. Army Corps of Engineers - Kansas City District for Remedial Investigation/ Feasibility Study activities at Diamond Head Oil Refinery, OU2, Superfund Site (EPA ID# NJD092226000).

**Project Delivery Team**

<b>Name</b>	<b>Contact Information</b>	<b>Responsibility</b>
Beth Buckrucker	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Bonnie Lowe	(816) 389-3803	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Julia Kisser	(816) 389-3874	Contracting Officer Representative

Prepared by:  
Elizabeth Buckrucker  
Project Manager  
19 February 2012